MULTIMEDIA UNIVERSITY

STUDENT ID NO

MULTIMEDIA UNIVERSITY

FINAL EXAMINATION

TRIMESTER 1, 2015/2016

DAC5018 – COMPUTER APPLICATIONS

(For Diploma Students)

15 OCTOBER 2015
2.30 p.m – 4.30 p.m
(2 Hours)

INSTRUCTIONS TO STUDENTS

1. This Question paper consists of **FIVE (5)** pages excluding the cover page. There are **TWO (2)** sections in this booklet.

2. **SECTION A:** There are **TWENTY FIVE (25)** MULTIPLE CHOICE questions (50 marks). Answer **ALL** questions on the OMR sheet provided.

3. **SECTION B:** There are **FIVE (5)** STRUCTURED questions (50 marks). Answer **ALL** questions in the answer booklet provided.

Section A: Multiple Choice Questions (Total: 50 Marks)

Instruction: Please mark your answer on the OMR sheet provided.

1. If you buy a storage device and the storage capacity is 1 Terabyte, it means that the capacity is approximately _____.

A) 2^{10} bytes
B) 2^{20} bytes
C) 2^{30} bytes
D) 2^{40} bytes

2. _____ holds all the instructions the computer needs to start up when it is powered on.

A) RAM
B) ROM
C) USB
D) CPU

3. Apple MacBook and Acer Aspire Series are examples of _____ computers.

A) tablet
B) netbook
C) desktop
D) laptop

4. Which of the following computers can perform complex calculations rapidly?

A) Desktop computer
B) Supercomputer
C) Mainframe computer
D) Embedded computer

5. A(n)_____ CPU has four processing paths, allowing it to process more than one instruction at a time.

A) all-in-one
B) quad-modal
C) quad-core
D) quad-mode

6. The _____ is the most common port in computing devices.

A) Universal serial bus (USB)
B) Parallel
C) FireWire
D) Ethernet

7. A computer connected to the Internet that receives request for data and returns the data is a _____.

A) server
B) client
C) surrogate
D) aggregator

Continued.....

8. ebay.com is an example of online business that can be categorized as _____.

A) consumer-to-consumer (C2C)
B) business-to-consumer (B2C)
C) consumer-to-business (C2B)
D) business-to-business (B2B)

9. _____ is using the Web to communicate and share information among friends and others.

A) E-mailing
B) Friend networking
C) Instant messaging
D) Social networking

10. In the browser, the URL starts with "http" and sometimes "https". The "s" in "https" stands for _____.

A) secure socket lock
B) secure socket layer
C) secure socket link
D) secure socket line

11. Which of the following is **NOT** a good tip for presentation using PowerPoint?

A) limit bullet points per slide to 4-6
B) use images to convey a thought or illustrate a point
C) use a variety of animations on most slides to keep audience attention
D) keep the font size large enough to be read from the back of the room

12. A new multimedia company is planning to buy multimedia software. There are quite a number of them available in the market, it includes all of the following EXCEPT:

A) image-editing software
B) animation software
C) utility software
D) audio-editing software

13. When installing software you are not sure on which features that you want to be installed in your computer and you decided to copy all the most commonly used files and programs to your computer's hard drive. This is called _____ software installation.

A) full
B) upgrade
C) custom
D) new

14. System software programs are made up of two major type and they are operating system and _____.

A) charms
B) application software
C) user interface
D) utility program

Continued.....

15. In order to enable devices attached to your computer to operate, a special program is needed so that that the devices and the operating system are able to communicate with each other. The special program is known as _____.

A) device driver
B) translator
C) interpreter
D) device configurator

16. After using your computer for a long time, you will sense that your computer is getting slower. One of the ways to overcome the speed is to arrange pieces of files on your hard drive to allow faster access. The Windows utility program that you can use is called _____.

A) Disk Cleanup
B) Disk Defragmenter
C) Error-checking
D) Task Manager

17. Computer that is designed to use less battery power, less bulky and to deliver a good balance between power and efficiency is the _____.

A) Laptop
B) Ultrabook
C) Tablet
D) Desktop

18. In determining the power of the processor there are few things that need to be considered. Which of the following should **NOT** be taken into consideration?

A) Clock speed
B) Amount of cache memory
C) Use of multiple cores
D) Speed of the motherboard

19. A student obsessed with gaming increase the speed of his computer by increasing the speed of the CPU faster than the recommended speed by the manufacturer and this is called _____.

A) fetching
B) latency
C) overclocking
D) hyperthreading

20. Most advance communication devices today can handle media, Internet, entertainment and telephone needs in a single unifying device and the term used to describe this is _____.

A) multimedia message service
B) telephony
C) mobile switching center
D) digital convergence

Continued.....

21. Almost all phones are designed with a _____ port to transfer information between the phone and computer.

A) USB
B) parallel
C) serial
D) firewire

22. Software for Android mobile devices can be downloaded at Google _____.

A) Fun
B) Games
C) Play
D) Sport

23. _____ hackers break into systems merely to flaunt their expertise to the administrator of the system they penetrated or to attempt to sell their services in repairing security breaches.

A) Black-hat
B) Gray-hat
C) White-hat
D) Green-hat

24. _____ will deny legitimate users access to a computer system because a hacker is repeatedly making requests of that computer system through a computer he or she has taken over as a zombie.

A) A Trojan horse
B) A polymorphic virus
C) A DoS attack
D) Pretexting

25. Social _____ is any technique that uses social skills to generate human interaction that entices individuals to reveal sensitive information.

A) engineering
B) theft
C) pretexting
D) networking

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Section B: Structured Questions, 5 Questions (Total: 50 Marks)
Instruction: Please write all your answers in the Answer Booklet provided.

1. a) Explain the **FOUR** major functions a computer can perform. (4 Marks)

   b) Explain the difference between data and information. Provide example to aid your explanation. (2 Marks)

   c) Explain any **TWO** items that is on the motherboard. (4 Marks)

2. Explain briefly **FIVE** ways users can communicate and share information with Web 2.0 social media. (10 Marks)

3. Explain what is software and what is the difference between system software and application software. (6 Marks)

4. a) Explain the functions of the operating system and utility program. (4 Marks)

   b) List and explain **FIVE** advantages of desktop computer compare to mobile computer? (10 Marks)

5. a) We will try to avoid our computers from being infected by viruses. List and explain what we should **NOT DO** so that we can protect our computers from viruses. (6 Marks)

   b) List **FOUR** symptoms that your computer has been infected by viruses. (4 Marks)

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